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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:  
Lars KONERMANN et al.

Application No.: 10/788,843

Filed: February 27, 2004

CAPILLARY MIXER WITH ADJUSTABLE  
REACTION CHAMBER VOLUME FOR MASS  
SPECTROMETRY

) Atty. Ref.: SMB-P009-US

) Group Art Unit: 2881

) Examiner: Unknown

) May 27, 2004

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Filed herewith is an Information Disclosure Statement ("IDS") that is being submitted pursuant to 37 C.F.R. §§1.97 and 1.98. This IDS is being filed within three months of the filing date of the present application, and therefore it is believed that no fees are due in connection with this submission. If this belief is in error, however, please charge any fees which may be due to Baker & Daniels' Deposit Account No. 02-0390. Any such deposit account charge should not include the payment of any issue fees.

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))**

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the address indicated on the first page hereof.

Date: May 27, 2004

By: Karen J. Whittenburg

Karen J. Whittenburg, Paralegal

Typed/Printed Name of Person Mailing Paper

**INFORMATION DISCLOSURE STATEMENT**

U.S. Application No. 10/788,843

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Pursuant to 37 C.F.R. § 1.98, a list of all cited references as well as legible copies of each of the same are submitted herewith.

The document AM is an abstract of an oral presentation by the inventors of the present application at a Biophysics conference held from March 1-5, 2003 in San Antonio, Texas.

It is believed that this IDS is being filed in a timely and complete manner. Consideration of this IDS is respectfully requested.

Respectfully submitted,



Date: May 27, 2004

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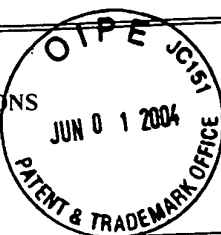
KRE/KJW

Enclosures:

Form PTO-1449 (Modified)  
Cited References  
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**LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT**  
(Use several sheets if necessary)



Atty. Docket No.  
SMB-P009(24643/2922)

Serial No.

Applicant Konermann, Lars et al.

Filing Date February 27, 2004

Group

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAM. INIT.		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROPRIATE
	AA	6	0	5	4	7	0	9	4/25/00	Douglas et al.	250	288	12/05/97
	AB	6	3	5	0	9	8	7	02/26/02	Northrup et al.	250	282	03/30/99
	AC	0	1	6	4	4	4	9A1	09/04/03	Heinzle et al.	250	281	06/06/01
	AD	6	1	6	6	3	7	9	12/06/00	Montaser, et al.	250	288	04/08/98
	AE	6	2	7	4	8	6	7B1	08/14/01	Wells et al.	250	288	09/28/98
	AF	5	1	7	0	0	5	3	12/08/92	Hail et al.	250	288	12/20/91
	AG	5	1	1	5	1	3	1	05/19/92	Jorgenson et al.	250	288	05/15/91
	AH	6	4	5	8	5	9	7B1	10/01/02	Andrien, Jr. et al.	436	173	03/22/00

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
													YES	NO
	AI	0	0	5	0	8	8	0	02/22/00	PCT	G01N	27/00		

**OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)**

	AJ	Li, Z. et al.	"A Snapshot of Enzyme Catalysis Using Electrospray Ionization Mass Spectrometry"; <i>Journal of American Chemical Society Communications</i> ; 2003; Vol. 125; No. 33; pp. 9938-9939.
	AK	Wilson, D.J. et al.	"A Capillary Mixer with Adjustable Reaction Chamber Volume for Millisecond Time-Resolved Studies by Electrospray Mass Spectrometry"; <i>Analytical Chemistry</i> ; December 1, 2003; Vol. 75; No. 23; pp. 6408-6414.
	AL	Wilson, D.J. et al.	"Mechanistic Studies on Enzymatic Reactions by Electrospray Ionization MS Using a Capillary Mixer with Adjustable Reaction Chamber Volume for Time-Resolved Measurements"; <i>Analytical Chemistry</i> ; May 1, 2004; Vol. 76; No. 9; pp. 2537-2543.
	AM	Wilson, D. J. et al	"Using Mass Spectrometry to Measure Biological Reaction Kinetics"; <i>Biological Journal Supplement</i> ; 2003; Vol. 48; No. 2; Part 2; p. 492a;
EXAMINER			DATE CONSIDERED

EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.